

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500745.01APPLICATION NO.
09/824,849

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Simon JacobsFILING DATE
April 2, 2001GROUP ART UNIT
3623

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|--|-----------------|----------|------------------|-------|----------|-------------------------------|
| AA | | 4,937,743 | 06/26/90 | Rassman et al. | 364 | 401 | |
| AB | | 5,168,451 | 12/01/92 | Bolger | 364 | 436 | |
| AC | | 5,289,368 | 02/22/94 | Jordan et al. | 364 | 401 | |
| AD | | 5,325,292 | 06/28/94 | Crockett | 364 | 401 | |
| AE | | 5,355,511 | 10/11/94 | Hatano et al. | 455 | 11.1 | |
| AF | | 5,428,546 | 06/27/95 | Shah et al. | 364 | 449 | |
| AG | | 5,467,268 | 11/14/95 | Sisley et al. | 364 | 401 | |
| AH | | 5,532,702 | 07/02/96 | Mintz | 342 | 463 | |
| AI | | 5,615,121 | 03/25/97 | Babayev et al. | 395 | 209 | |
| AJ | | 5,623,404 | 04/22/97 | Collins et al. | 395 | 209 | |
| AK | | 5,636,122 | 06/03/97 | Shah et al. | 364 | 449.1 | |
| AL | | 5,737,728 | 04/07/98 | Sisley et al. | 705 | 8 | |
| AM | | 5,758,313 | 05/26/98 | Shah et al. | 701 | 208 | |
| AN | | 5,826,239 | 10/20/98 | Du et al. | 705 | 8 | |
| AO | | 5,848,395 | 12/08/98 | Edgar et al. | 705 | 9 | |
| AP | | 5,870,545 | 02/09/99 | Davis et al. | 395 | 200.31 | |
| AQ | | 5,904,727 | 05/18/99 | Prabhakaran | 701 | 208 | |
| AR | | 5,913,201 | 06/15/99 | Kocur | 705 | 9 | |
| AS | | 5,920,846 | 07/06/99 | Storch et al. | 705 | 7 | |
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| AX | | 6,047,260 | 04/04/00 | Levinson | 705 | 9 | |

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|----------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
| | AY | 6,070,144 | 05/30/00 | Ginsberg et al. | 705 | 9 | |
| | AZ | 6,115,640 | 09/05/00 | Tarumi | 700 | 99 | |
| | BA | 6,144,971 | 11/07/00 | Sunderman et al. | 707 | 500 | |
| | BB | 6,278,978 B1 | 08/21/01 | Andre et al. | 705 | 9 | |
| | BC | 6,415,259 B1 | 07/02/02 | Wolfinger et al. | 705 | 8 | |
| | BD | 6,430,562 B1 | 08/06/02 | Kardos et al. | 707 | 10 | |
| | BE | 6,473,748 B1 | 10/29/02 | Archer | 706 | 45 | |
| | BF | 6,532,465 B2 | 03/11/03 | Hartley et al. | 707 | 10 | |
| | BG | 6,535,883 B1 | 03/18/03 | Lee et al. | 707 | 100 | |
| | BH | 6,546,364 B1 | 04/08/03 | Smirnov et al. | 703 | 22 | |
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| | BJ | 6,578,005 B1 | 06/10/03 | Lesaint et al. | 705 | 8 | |
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| | BL | 6,697,784 B2 | 02/24/04 | Bacon et al. | 705 | 9 | |
| | BM | 6,701,299 B2 | 03/02/04 | Kraisser et al. | 705 | 8 | |
| | BN | 6,721,288 B1 | 04/13/04 | King et al. | 370 | 310 | |
| | BO | 6,745,381 B1 | 06/01/04 | Ehnebuske et al. | 717 | 100 | |
| | BP | 6,754,321 B1 | 06/22/04 | Innes et al. | 379 | 201.03 | |
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|----------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
| | BW | 2002/0007299 A1 | 01/17/02 | Florence | 705 | 9 | |
| | BX | 2002/0010610 A1 | 01/24/02 | Jacobs et al. | 705 | 8 | |
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| | BZ | 2002/0023157 A1 | 02/21/02 | Lo et al. | 709 | 227 | |
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| | CC | 2002/0065700 A1 | 05/30/02 | Powell et al. | 705 | 9 | |
| | CD | 2002/0199182 A1 | 12/26/02 | Whitehead | 725 | 1 | |
| | CE | 2005/0027580 A1 | 02/03/05 | Crici et al. | 705 | 8 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | CF | DE195 39 662 C2 | 10/02/97 | Germany | | | X | |
| | CG | WO 00/28451 A3 | 05/18/00 | PCT | | | X | |
| | CH | WO 00/68856 | 11/16/00 | PCT | | | X | |
| | CI | WO 00/68859 | 11/16/00 | PCT | | | X | |

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| | CK | Alanko T. et al., "Mowgli: Improvements for Internet Applications Using Slow Wireless Links", The 8 th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Vol. 3, 1997. pp. 1038-1042. |
| | CL | Aytug, H. et al., "A Review of Machine Learning in Scheduling", IEEE Transactions on Engineering Management, Vol. 41, No. 2, May 1994. pp. 165-171. |
| | CM | Blumberg, D., "Optimizing Mobile Workforce", Leisure Publications, February 1, 2001. |

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| | | FILING DATE April 2, 2001 | |

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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| | CO | "Connectria Unveils ServeClick to Enable the Next Wave of E-Commerce - 'E-Scheduling' of Services, Appointments & Reservations", Business Wire, New York, January 4, 2000. Two pages |
| | CP | "DeliveryNet for Home Delivery", www.Descartes.com, e-Fulfillment Solutions, March 20, 2000. Nine pages. |
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| | CR | DiCarlo, L., "Connectria: E-scheduling is next big thing", eWeek, March 20, 2000. pp. 1-3. |
| | CS | Domenjoud, E. et al., "Generating feasible schedules for a pick-up and delivery problem", Proceedings of CP, Technical Report 98-R-142, April 1998. pp. 1-12. |
| | CT | Dumas, Y. et al., "Pickup and Delivery Problem with Time Windows", European Journal of Operational Research, Vol. 54, No. 1, September 1991. Abstract only. One page. |
| | CU | Gunes, E.D., "Workforce Scheduling", Department of Industrial Engineering Bilkent University, April 1999. 1-11. |
| | CV | ILOG.com, "ILOG Dispatcher Field Service Dispatcher", ILOG Worldwide (retrieved from archive.org), December 2000 (retrieved February 2005). 2 pages. |
| | CW | ILOG.com, ILOG World Leader in software components, Business Rules, Rule Engine, Rule Language, Rule Kit, Constraint Base Scheduling, ILOG Dispatcher Web pages, www.ilog.com/products/rules, 2000 (retrieved February 2005). 21 pages. |
| | CX | Keller, A. et al., "Zippering: Managing intermittent connectivity in DIANA", Mobile Networks and Application, Baltzer Science Publishers BV, Netherlands, Vol. 2, No. 4, 1997. pp. 357-364. |
| | CY | Kleinrock, L., "Nomadicity: Anytime, anywhere in a disconnected world", Mobile Networks and Applications, Journal of Special Topics in Mobile Networks and Applications, J.C. Baltzer AG, Science Publishers, Netherlands, Vol. 1, No. 4, 1996. pp. 351-357. |
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8-2-07

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| OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | | | | | | | |
| DA | | Livneh, E., "Case Study: Automating Service Allocation and Scheduling", Association for Services Management International, www.afsmi.org, May 1997. pp. 1-5. | | | | | |
| DB | | Marinho J. et al., "Decision Support System for Dynamic Production Scheduling", IEEE International Symposium on Assembly and Task Planning, July 1999. pp. 424-429. | | | | | |
| DC | | Martin, J., "Principles of Object-Oriented Analysis and Design", PTR Prentice Hall, New Jersey, 1993. pp. vii-xiii and 133-154. | | | | | |
| DD | | Marshak, R.T., "ClickSchedule: Completing the Online Buying Experience", ClickSoftware, Patrica Seybold Group, October 1999. pp. 1-3. | | | | | |
| DE | | Mazer, M.S. et al., "Writing the Web While Disconnected", IEEE Personal Communications, Vol. 5, No. 5, October 1998. pp. 35-41. | | | | | |
| DF | | McFeely, D.J. et al., "Scheduling to Achieve Multiple Criteria in an Air Force Depot CNC Machine Shop", Production and Inventory Management Journal, Vol. 38, No. 1, First Quarter 1997. 72-79. | | | | | |
| DG | | MDSI Mobile Data Solutions, www.mdsi-advantex.com (retrieved from google.com and archive.org). February 1998 (retrieved April 2005). pp. 1-31. | | | | | |
| DH | | "MenuHunter.com to Provide the Ultimate in Online Restaurant Reservations Using ServeClick from Connectria; Service to Handle Complex, Real-World Needs of Restaurants & Patrons", Business Wire, New York, February 1, 2000. Three pages. | | | | | |
| DI | | Mitrovic-Minic, S., "Pickup and Delivery Problem with Time Windows: A Survey", SFU CMPT TR 1998-12, ftp://fas.sfu.ca/pub/cs/techreports/1998, May 1998. pp. 1-43. | | | | | |
| DJ | | Mummert L. et al., "Exploiting Weak Connectivity for Mobile File Access", Fifteenth AC Symposium on Operating Systems Principles, Colorado, Vol. 29, No. 5, December 1995. pp. 143-155. | | | | | |
| DK | | Nanry, W.P. et al., "Solving the pickup and delivery problem with time windows using reactive tabu search", Transportation Research, Part B, April 1999. pp. 107-121. | | | | | |
| DL | | Open Wave—Home and Shift Track Web pages, www.open-wave.com (retrieved from archive.org), Open Wave, Inc., 1999. 5 pages. | | | | | |
| DM | | Padwick, G. et al, "Special Edition Using Microsoft® Outlook® 2000, Que, ISBN 0-7897-1909-6, May 1999. 47 pages. | | | | | |
| DN | | Panwalker, S.S. et al., "A Survey of Scheduling Rules", Operations Research, Vol. 25, No. 1, January-February 1977. pp. 45-61. | | | | | |
| EXAMINER <i>Romain Janty</i> | | | | DATE CONSIDERED 8-2-07 | | | |
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| DO | Pierreval, H. et al., "Dynamic Selection of Dispatching Rules for Manufacturing System Scheduling", International Journal Production Research, Vol. 35, No. 6, 1997. pp. 1575-1591. |
| DP | "RestaurantRow.com Selects ServeClick from Connectria to Power its Advanced Online Restaurant E-Scheduling", PR Newswire, New York, February 1, 2000. Three pages. |
| DQ | "Scheduling Software Helps Webvan Meet 30-Minute Delivery Window", Stores Magazine, NRF Enterprises, Inc., July 2000. 2 pages. |
| DR | Sciacca, P., "Webvan Gets E-Business Software for Expansion", Supermarket News, January 2000. Two pages. |
| DS | "SERVECLICK", U.S. Trademark Application 75914207, Applicant: Catalyst Solutions Group, Inc., filed February 9, 2000, abandoned February 17, 2001. One page. |
| DT | "ServeClick.com" Web pages retrieved from archive.org on April 2006, ServeClick, 1999-2000. pp. 1-13. |
| DU | Solomon, M.M., "Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints", Operations Research, Vol. 35, No. 2, March-April 1987. pp. 254-265. |
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| DW | "Vantive and MDSI to Provide Enterprise-Wide Wireless Field Service Solution", PR Newswire, New York, October 26, 1998. pp. 1-3. |
| DX | Witt, C.E., "Update: Material Handling in the Food Industry", Material Handling Engineering, Vol. 54, No. 11, October 1999. Eleven pages. |
| DY | |
| DZ | |
| EA | |
| EB | |

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| AA | | 5,590,269 | 12/31/96 | Kruse et al. | 395 | 209 | |
| AB | | 5,764,953 | 06/09/98 | Collins et al. | 395 | 500 | |
| AC | | 5,774,661 | 06/30/98 | Chatterjee et al. | 395 | 200.33 | |
| AD | | 6,484,036 B1 | 11/19/02 | Sorkin et al. | 455 | 508 | |
| AE | | 2001/0029499 A1 | 10/11/01 | Tuatini et al. | 706 | 47 | |
| AF | | | | | | | |
| AG | | | | | | | |

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| | AH | | | | | | | |

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|----|---|---|
| AI | | Bisio, R. et al., "Effective Resource Scheduling in Work Force Management Context for Telecommunication Work Centers", Torino, Italy, CPAIOR, 1999. Five pages. |
| AJ | * | Collins, J.E. et al., "Automated Assignment and Scheduling of Service Personnel", IEEE Expert, April 1994. pp. 33-39. |
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